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WHAT IS CLAIMED IS:

1. A method of drying a thermoplastic norbornene resin comprising:

drying said thermoplastic norbornene resin under at least one of a vacuum and ordinary pressure; and

said drying removes atmospheric gas components and low-boiling-point organic components contained in said thermoplastic norbornene resin.

2. The method according to Claim 1, wherein:

said drying under ordinary pressure is conducted at a temperature between 80 and 120°C; and

said drying under vacuum is conducted under a degree of vacuum of 20 Pa or lower at a temperature between 80 and 120°C.

- 3. The method according to Claim 1, wherein the thermoplastic norbornene resin contains, after said drying, N_2 of 20 ppm or lower, O_2 of 20 ppm or lower, H_2O of 1 ppm or lower, low-boiling-point aliphatic organic components of 20 ppb or lower in total, and low-boiling-point aromatic organic components of 20 ppb or lower in total.
- 4. The method according to Claim 2, wherein the thermoplastic norbornene resin contains, after the drying, N_2 of 20 ppm or lower, O_2 of 20 ppm or lower, H_2O of 1 ppm or lower, low-boiling-point aliphatic organic components of 20 ppb or lower in total, and low-boiling-point aromatic organic components of 20 ppb or lower in total.

- 5. A plastic substrate for magnetic recording media, said plastic substrate being manufactured by injection molding a thermoplastic norbornene resindried by the method described in Claim 1.
- 6. A plastic substrate for magnetic recording media, said plastic substrate being manufactured by injection molding said thermoplastic norbornene resin dried by the method described in Claim 2.
 - 7. A plastic substrate for magnetic recording media, said plastic substrate being manufactured by injection molding said thermoplastic norbornene resin dried by the method described in Claim 3.
 - 8. A plastic substrate for magnetic recording media, said plastic substrate being manufactured by injection molding said thermoplastic norbornene resin dried by the method described in Claim 4.
 - 9. The plastic substrate according to Claim 5, wherein said plastic substrate contains, in a surface thereof, 100 or less rugged portions of 1μ m x 1μ m or wider in area.
 - 10. The plastic substrate according to Claim 5, wherein: a straightness, Pa, in the radial direction of said plastic substrate, is 1μ m or less; a micro-waviness of said plastic substrate is 500 Å or lower; and an average surface roughness of said plastic substrate is 5 Å or lower.

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- 11. The plastic substrate according to Claim 9, wherein: a straightness, Pa, in the radial direction of said plastic substrate, is 1 μ m or less; a micro-waviness of said plastic substrate is 500 Å or lower; and an average surface roughness of said plastic substrate is 5 Å or lower.
- 12. A magnetic recording medium comprising: said plastic substrate according to Claim 5; a magnetic layer above said plastic substrate; a protection layer on said magnetic layer; and a lubricant layer on said protection layer.
- 13. The magnetic recording medium according to Claim 12, wherein said plastic substrate contains, in a surface thereof, 100 or less rugged portions of 1μ m x 1μ m or wider in area.
 - 14. The magnetic recording medium according to Claim 12, wherein: a straightness, Pa, in the radial direction of said plastic substrate, is 1μ m or less; a micro-waviness of said plastic substrate is 500 Å or lower; and an average surface roughness of said plastic substrate is 5 Å or lower.
 - 15. The magnetic recording medium according to Claim 13, wherein: a straightness, Pa, in the radial direction of said plastic substrate, is 1 μ m or less; a micro-waviness of said plastic substrate is 500 Å or lower; and an average surface roughness of said plastic substrate is 5 Å or lower.

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16. The magnetic recording medium according to Claim 12, wherein an output of a strain gauge is 0.5 g or less at the end of continuous and high-speed head seek tests conducted for 24 hr on said magnetic recording medium, rotating at 4500 rpm using a low-flying-height head having a flying height of 1μ ".

17. A method of manufacturing a magnetic recording medium comprising:

drying a thermoplastic norbornene resin by the method described in Claim 1 to produce a dried thermoplastic norbornene resin;

injection-molding said dried thermoplastic norbornene resin to form a plastic substrate;

forming a magnetic layer above said plastic substrate; forming a protection layer on said magnetic layer; and forming a lubricant layer on said protection layer.

18. A method of manufacturing a magnetic recording medium comprising:

drying a thermoplastic norbornene resin by the method described in Claim 2 to produce a dried thermoplastic norbornene resin;

injection-molding said dried thermoplastic norbornene resin to form a plastic substrate:

forming a magnetic layer above said plastic substrate; forming a protection layer on said magnetic layer; and forming a lubricant layer on said protection layer.

19. A method of manufacturing a magnetic recording medium comprising:

drying a thermoplastic norbornene resin by the method described in Claim 3 to produce a dried thermoplastic norbornene resin;

injection-molding said dried thermoplastic norbornene resin to form a plastic substrate;

forming a magnetic layer above said plastic substrate; forming a protection layer on said magnetic layer; and forming a lubricant layer on said protection layer.

20. A method of manufacturing a magnetic recording medium comprising:

drying a thermoplastic norbornene resin by the method described in Claim 4 to produce a dried thermoplastic norbornene resin;

injection-molding said dried thermoplastic norbornene resin to form a plastic substrate;

forming a magnetic layer above said plastic substrate; forming a protection layer on said magnetic layer; and forming a lubricant layer on said protection layer.

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